

NC AQUACULTURE ASSOCIATION



REGULATORY ISSUES AFFECTING AQUATIC ANIMAL HEALTH

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Safeguarding Animal Health



Aquatic Animal Health Issues

- Rescinding of Federal VHS Order (June 2, 2014)
- Changes Export Requirements for Food Fish to Canada
- Registration of Facilities for food fish to Canada (Feb. 2014)
- Import Requirements SVC
- National Aquatic Animal Plan (October 2008)
- Code of Animal Health for Commercial Aquaculture(Coming Soon)
- Zoonotic Diseases



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Aquaculture Production by Region

Cool & coldwater
Flow-through
Tank production

Recirculating tank
production

Warmwater pond &
marine aquaculture



Rescinding of Federal VHS Order

Effective June 2, 2014 Federal Movement
Restrictions Lifted

US

Minnesota, Ohio, Wisconsin, Pennsylvania,
Illinois, New York, Indiana, Michigan,

Canada

Ontario, Quebec



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Regulated Species of Live Fish

Atlantic cod	Muskellunge
Black crappie	Pacific cod
Bluegill	Pike
Bluntnose minnow	Pink salmon
Brown bullhead	Pumpkinseed
Brown trout	Rainbow trout
Burbot	Redhorse (<i>Moxostoma species</i>)
Channel catfish	Rock bass
Chinook salmon	Rockling
Coho salmon	Round goby
Chum salmon	Smallmouth bass
Emerald shiner	Sprat
Freshwater drum	Turbot
Gizzard shad	Walleye
Grayling	White bass
Haddock	White perch
Herring (<i>Clupea species</i>)	Whitefish
Japanese flounder	Yellow perch
Largemouth bass	



Changes Export Requirements for Food Fish to Canada

- Health Certification
- Constantly Changing
- Information can be found at:

http://www.aphis.usda.gov/wps/portal/aphis/ourfocus/importexport?1dmy&urile=wcm%3apath%3a%2Faphis_content_library%2Fsa_our_focus%2Fsa_animal_health%2Fsa_export_from_us%2Fsa_live_animals%2Fct_iregs_animal_exports_home

www.aphis.usda.gov



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Registration of Facilities for food fish to Canada

- Began in February 2014
- For Fin fish for Retail, Food Service, Further Processing
- First 5 facilities registered in NC
- Why register?



Facility Registration

- Standard operating procedure (SOP) for mandatory notification of suspected clinical signs of disease and unusual morbidity or mortality.
- SOP for communication with USDA APHIS to ensure aquatic animal population(s) to be exported to Canada is/are not under disease control restrictions, communications are recorded and facility personnel staff are notified of disease control restrictions.
- SOP for transport water and/or ice.
- SOP for identification of visible ectoparasites and intermediate hosts. (Not required if only shipping dead animals)
- SOP for verification that only aquatic animals on import permit are included in the shipment. (Not required if only shipping dead animals)
- SOP for packaging and shipping procedures.
- SOP for labelling packages.
- In addition to verification of the above requirements, for further processing the following two requirements must be verified:
 - SOP for identification of clinical signs of diseases within 96 hours prior to export or 96 hours post-harvest/slaughter prior to freezing and/or processing.
 - Morbidity and mortality records for cultured animals and catch records for wild caught animals.

Import Requirements SVC

8 species of fish that are susceptible to the disease Spring viremia of carp (SVC)

common carp, including

koi carp (*Cyprinus carpio*)

goldfish (*Carassius auratus*)

grass carp (*Ctenopharyngodon idellus*)

silver carp (*Hypophthalmichthys molitrix*)

bighead carp (*Aristichthys nobilis*)

Crucian carp (*Carassius carassius*)

tench (*Tinca tinca*)

sheatfish (*Silurus glanis*)



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National Aquatic Animal Plan

- Released in October 2008
- Joint Effort with Industry
- Facilitate Legal Movement
- Protect Aquatic Animal Health
- Ensure Availability of Diagnostics, Inspection, Certification
- Minimize Impacts of Disease



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Code of Animal Health for Commercial Aquaculture

- Non-regulatory program
- Initiated by National Aquaculture Association
- Aligns with NAAHP
- Help Commercial Producers in International Markets
- Help Commercial Producers Demonstrate Sound Animal Health Practices



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Commercial Aquaculture Defined

The business of farming aquatic animals for sale or trade, with some sort of intervention in the rearing or farming process to enhance production, such as regular stocking, feeding, protection from predators, etc.



Zoonotic Diseases

Mycobacterium marinum



Conclusion

- Aquatic Animal Health is a Hot Topic
- USDA APHIS is working with Industry to Develop Aquatic Animal Health Program
- Increasing Interest in Aquatic Health Issues from Trading Partners
- Make an Effort to Get to Know Federal and State Officials that Affect Aquaculture



Questions?

